

MONSANTO CHEMICAL WORKS

SAINT LOUIS

WORKS
ST. LOUIS, MISSOURI
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RUABON, NORTH WALES
LUNDERLAND, ENGLAND

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DIVISIONS
MERRIMAC CHEMICAL COMPANY, INC.
BOSTON, MASSACHUSETTS
RUBBER SERVICE LABORATORIES COMPANY
AKRON, OHIO
MONSANTO CHEMICAL WORKS, LTD.
LONDON, ENGLAND

CABLE ADDRESS
MONSANTO ST. LOUIS
CODES
A B C 314 AND 614
GENTLEY'S 2ND PHRASE
GENTLEY'S
ACME

*Monsanto - Prop. sew.
Industrial wastes*

Monsanto, Illinois.

January 23, 1933.

State Sanitary Water Board,
Springfield, Illinois.

Attention: Mr. Harry F. Ferguson
Chief Engineer.

Gentlemen:-

With reference to the character of waste water to be discharged by Monsanto Chemical Works into the sewer of the Village of Monsanto, please be advised as follows:

Waste water, amounting to about 1500 G.P.M., consists essentially of simply water which has been pumped from 100 ft. depth wells and used for cooling purposes. Occasionally, as a matter of accident, there may be small quantities of acid enter the sewer system but such quantities are so small that the alkaline character of the water is maintained. Occasionally there may be discharged through the sewer system solutions containing sodium salts, such as sodium sulphate and sodium chloride. The maximum concentration of sodium salts in our sewer water would not exceed at any time one part in fifteen thousand, and probably 90% of the time the concentration of these sodium salts is not more than one part in thirty thousand. In addition to this, there is the normal toilet sewage which might be expected from a plant employing 400 people.

A rigid system of inspection, by laboratory analysis of our waste water, is maintained and records of the analyses are kept. Laboratory tests are made on sewer water taken from various parts of the plant always daily, and sometimes hourly if there is any indication of any unusual condition existing in the sewer system. In the event of an acid spill or other accident, steps are taken to neutralize such acid immediately so that the safe character of the water leaving the plant is maintained. There are no sludges or highly toxic materials discharged in our waste water.

Very truly yours,

MONSANTO CHEMICAL WORKS,

By

F.B. Langreck

F.B. Langreck
Assistant Vice President.

RP